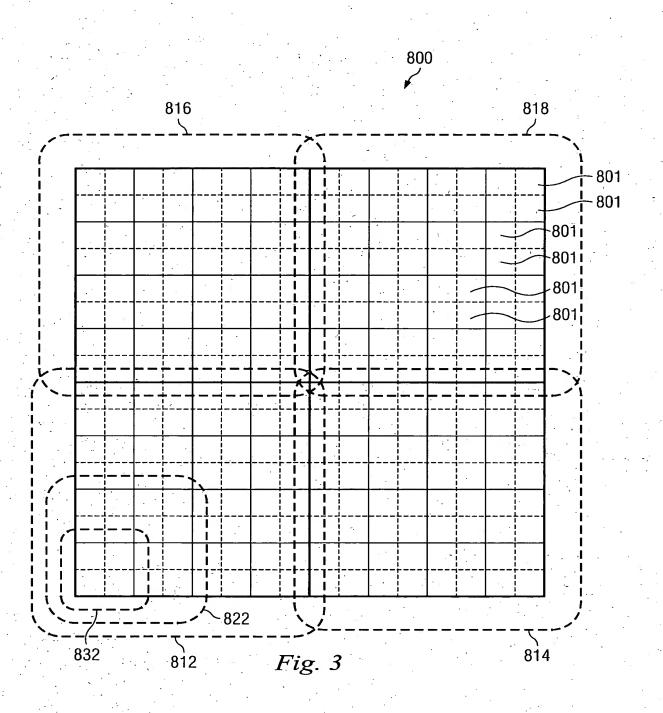
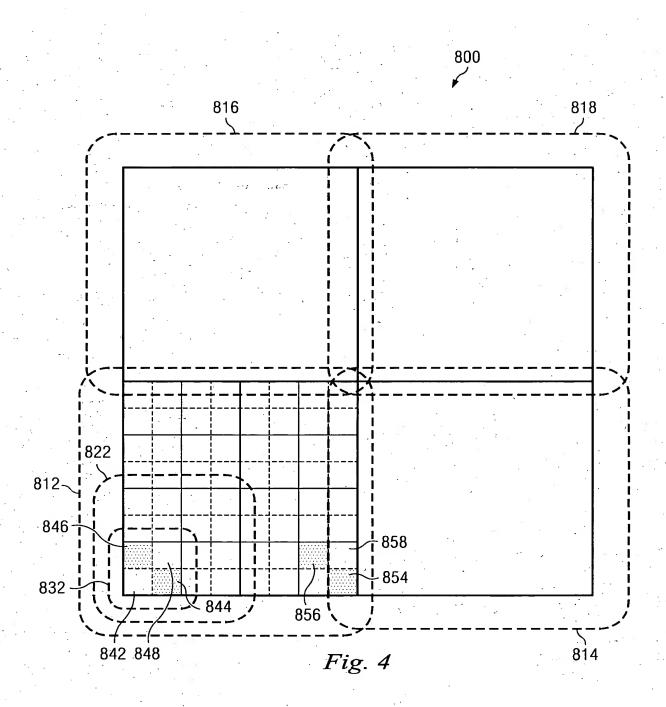
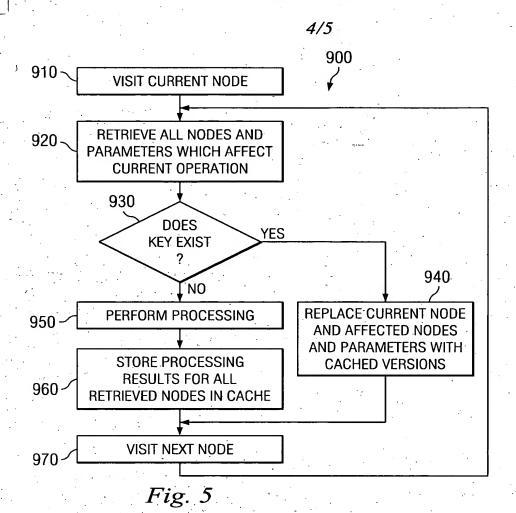
34003.83 SYSTEM AND METHOD FOR PROCESSING DAG OCTREE

```
1/5
        OCTREE ELEMENT STRUCT 1-501
         { reference to OCTREE_ELEMENT_STRUCT_4; \square 502
          reference to OCTREE_ELEMENT_STRUCT_4; 503
          reference to OCTREE_ELEMENT_STRUCT_4; 504
          reference to OCTREE_ELEMENT_STRUCT_4; 505
          reference to OCTREE_ELEMENT_STRUCT_2; 506
          reference to OCTREE_ELEMENT_STRUCT_2; 507
          reference to OCTREE_ELEMENT_STRUCT_3; 508
          reference to OCTREE_ELEMENT_STRUCT_3; ~ 509
        OCTREE_ELEMENT STRUCT 2 \( \sigma 550 \)
        { reference to OCTREE_LEAF_1: \square 551
          reference to OCTREE LEAF 2: \square 552
          reference to OCTREE LEAF 1: ~553
                                                                        400
          reference to OCTREE LEAF 2: ~554
                                                                                      406
          reference to OCTREE LEAF 2. ~555
                                                                               451
                                                                                         456
          reference to OCTREE LEAF 1: \( \sigma \) 556
         reference to OCTREE_LEAF_2: ~557
                                                                452
          reference to OCTREE LEAF 1: ~558
                                                             455
       OCTREE_ELEMENT_STRUCT 3 \( \sigma 570 \)
                                                           404~
                                                                                                405
       { reference to OCTREE_LEAF_3: \square 571
         reference to OCTREE_LEAF 3: ~572
500
         reference to OCTREE_LEAF_3; \( \sigma 573
                                                                      453
                                                                                454
         reference to OCTREE LEAF 3: \square 574
                                                                                            403
         reference to OCTREE_LEAF_3: \( \sigma 575 \)
         reference to OCTREE LEAF 3: \( \sigma 576
                                                                    401
                                                                                 402
         reference to OCTREE_LEAF_3; \( \sigma 577 \)
         reference to OCTREE_LEAF_3 \( \sigma 578
      OCTREE_ELEMENT_STRUCT 4 \square 590
      { reference to OCTREE_LEAF_1; \sqrt{591}
         reference to OCTREE LEAF 1: \square 592
         reference to OCTREE LEAF 1: ~593
        reference to OCTREE_LEAF_1; \( \sigma 594
        reference to OCTREE LEAF 1: \( \sigma 595
        reference to OCTREE_LEAF_1; \( \sigma 596 \) reference to OCTREE_LEAF_1; \( \sigma 597 \)
        reference to OCTREE LEAF 1: \( \sigma 598
                                                    Fig. 2
      OCTREE LEAF 1 - 531
      { Data (Materials, Occupancy, parameters.etc.);// shown as blank in Fig. 1
     OCTREE LEAF 2 - 533
      { Data (Materials, Occupancy, parameters.etc.);// shown as dotted in Fig. 1
     OCTREE_LEAF 3 \( \sigma 535
      { Data (Materials, Occupancy, parameters.etc.);// shown as hashed in Fig. 1
```





34003.83 SYSTEM AND METHOD FOR PROCESSING DAG OCTREE



705 703 COMPUTER SYSTEM 702 **CAD RENDERING USER PROGRAM INTERFACE** 704 701 **CELL LIBRARY** DAG OCTREE (e.g., MEMS REPRESENTATION **COMPANENTS)** OF DEVICE MASS STORAGE DEVICE Fig. 7 706

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